

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D206-558 REV. C OR EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-558 REV. 0

REF: CANADIAN STC SH92-17
REF: FAA STC SH1031NE

PURPOSE:

IT HAS COME TO DART'S ATTENTION THAT A DIFFERENT CABLE IS REQUIRED WHEN INSTALLING THE DART D407-558-045/-047 SINGLE/DUAL CARGO MIRROR ASSEMBLY ON A BHT 407GX AIRCRAFT.

THEREFORE, IN D407-558-045/-047 AT CHG 003 OR LATER, THE D2071-3 CABLE ASSEMBLY HAS BEEN REPLACED WITH THE D2071-5 CABLE ASSEMBLY.

THE D3778-1 BRACKET HAS ALSO BEEN REPLACED WITH THE D3778-3 BRACKET FOR BETTER PILOT COMFORT.

NOTE THAT THESE CHANGES ARE COMPATIBLE WITH THE ORIGINAL 407 AIRCRAFT SO THE CONTENT OF THIS DSI SUPERCEDES THE CONTENT OF DSI 9412 REV. A AND DSI 9436 REV. A.

CUSTOMERS WHO NEED TO UPGRADE D407-558-045/-047 MIRROR KITS FOR COMPATIBILITY WITH THE 407GX AIRCRAFT MUST PROCURE THE DSI9604-011 KIT FROM DART.

DSI 9604-011 PARTS LIST:

Qty -011	Part Number	Description
X	DSI 9604-011	MIRROR UPGRADE KIT
1	D2071-5	CABLE ASSEMBLY (REPLACES D2071-3)
1	D3778-3	BRACKET (REPLACES D3778-1)

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	12.03.26
CERT. NO.:	SH92-17
ISSUE NO.:	7

A	NEW ISSUE	MB	12.03.26
REV.	DESCRIPTION	BY	DATE
DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9604	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		MIRROR UPGRADE	NTS
DATE	12.03.26	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

INSTALL CHANGE:

INSTALL THE D2071-5 CABLE ASSEMBLY PER INSTALLATION INSTRUCTIONS D206-558 REV. C OR EARLIER AND MAINTAIN PER ICA-D206-558 REV. 0.

INSTALL THE D3778-3 BRACKET AS DESCRIBED BELOW:

- 1) IF INSTALLED, REMOVE THE EXISTING VENT CONTROL BRACKET AND REMOVE THE VENT CONTROL.
- 2) PICKING UP ON EXISTING ANCHOR NUTS, INSTALL THE D3778-3 BRACKET USING AN526-1032R9 SCREWS.
- 3) INSTALL THE VENT CONTROL IN THE LOWERSLOT. INSTALL THE D2071-5 CABLE IN THE UPPER SLOT.

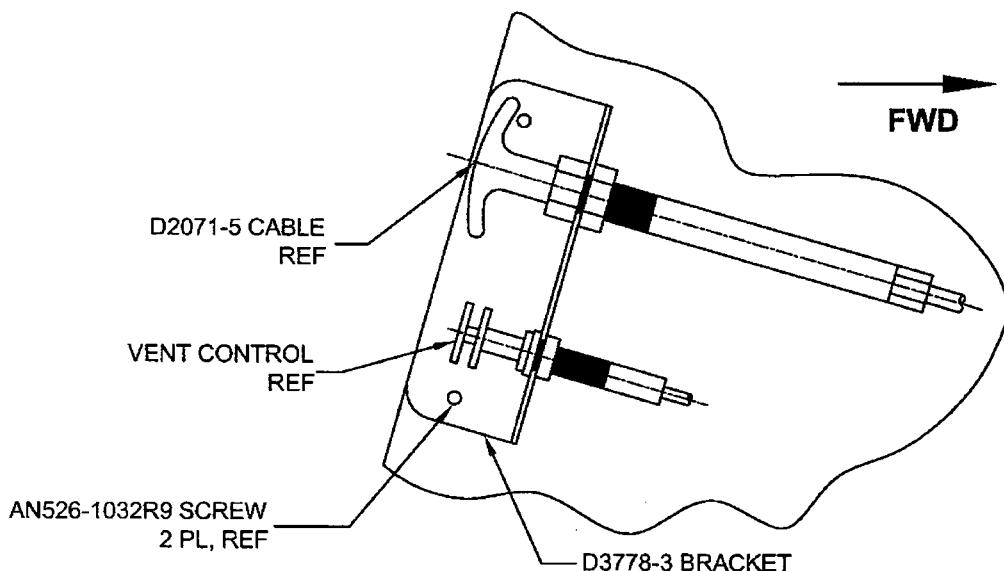


FIGURE 1 - BRACKET INSTALLATION

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	<i>[Signature]</i>
D. SHEPHERD (DE # 02)	
DATE:	12.03.26
CERT. NO.:	SH92-17
ISSUE NO.:	7

DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9604	SHEET 2 OF 3
APPROVED	<i>[Signature]</i>	TITLE	
DE APPR.	<i>[Signature]</i>	MIRROR UPGRADE	
DATE	12.03.26	SCALE NTS	

COPYRIGHT © 2012 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

AMEND SECTIONS 4.0 AND 5.0 OF INSTALLATION INSTRUCTIONS D206-558 REV.C OR EARLIER AND SECTIONS 25-3 AND 25-4 OF ICA-D206-558 REV. D AS FOLLOWS:

4.0 WEIGHT AND BALANCE (D206-558 REV. C OR EARLIER)

25.3 WEIGHT AND BALANCE (ICA-D206-558 REV. 0)

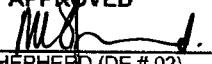
Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D206-558-041 Bell 206A/B/L/L1/L3/L4	2.4 lb 1.09 Kg	+5.0 in +0.13 m	+12.0 in-lb +0.14 m-Kg	+14.8 in +0.38 m	+35.5 in-lb +0.41 m-Kg
D206-558-043 Bell 206A/B/L/L1/L3/L4	3.0 lb 1.36 Kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-Kg	+14.8 in +0.38 m	+44.4 in-lb +0.52 m-Kg
D407-558-045 Bell 407	2.4 lb 1.09 Kg	+5.0 in +0.13 m	+12.0 in-lb +0.14 m-Kg	+14.8 in +0.38 m	+35.5 in-lb +0.41 m-Kg
D407-558-047 Bell 407	3.0 lb 1.36 Kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-Kg	+14.8 in +0.38 m	+44.4 in-lb +0.52 m-Kg

5.0 PARTS LIST (D206-558 REV. C OR EARLIER)

25.4 PARTS LIST (ICA-D206-558 REV. 0)

Qty -041	Qty -043	Qty -045	Qty -047	Part Number	Description
X				D206-558-041	SINGLE CARGO MIRROR ASSEMBLY
	X			D206-558-043	DUAL CARGO MIRROR ASSEMBLY
		X		D407-558-045	SINGLE CARGO MIRROR ASSEMBLY
			X	D407-558-047	DUAL CARGO MIRROR ASSEMBLY
1	2	1	2	D2011-101	MIRROR ASSEMBLY
2	2	2	2	D2052	BRACKET
1	1	1	1	D2053	BRACKET
2	2	2	2	D2054	BUSHING
1	1	1	1	D2055	CLAMP
1	1	1	1	D2056	BELLCRANK ASSEMBLY
1		1		D2057	PLUG
1		1		D2065	ARM
	1		1	D2066	ARM
1	1	1	1	D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	1	D2071-5	CABLE ASSEMBLY
1	2	1	2	D3014-1	*LOCKNUT
1	1			D3778-1	BRACKET
		1	1	D3778-3	BRACKET
4	4	4	4	AN3-4A	BOLT
4	4	4	4	AN526-1032R9	SCREW
1	2	1	2	AN960JD416L	*WASHER
4	4	4	4	AN960JD10	WASHER
6	6	6	6	AN960JD10L	WASHER
3	3	3	3	MS21042-3	NUT (or MS21042L3)
2	2	2	2	MS21919DG5	CLAMP
2	2	2	2	MS27039-1-18	SCREW
1	1			MS35489-9	GROMMET
		1	1	MS35489-67	GROMMET

* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	 D. SHEPHERD (DE # 02)
DATE:	12.03.26
CERT. NO.:	SH92-17
ISSUE NO.:	7

DESIGN	MB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9604	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		MIRROR UPGRADE	NTS
DATE	12.03.26	COPYRIGHT © 2012 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			